INDEX TO VOLUME XII

1930

OLD SERIES VOLUME XXVIII

AUTHORS

A

PAGE

Adams, Z. B. Presidential Address 505
Angwin, W. A., Robbins, J. H., and Millar, M. G. Late Treatment of Cord-compression Fracture of the Spine 156

B

Barber, C. G. The Detailed Changes Characteristic of Healing Bone in Amputation Stumps 353
Bean, Harold G. Tuberculosis of the Symphysis Pubis 345
Bick, Edgar M. Surgical Pathology of Synovial Tissue 33
Böhm, Max. The Development of Juvenile Pes Valgus. Translated from the German by **Walter P. Blount** 333
Boon-Itt, S. B. A Study of the End Results of Synovectomy of the Knee 853
Boorstein, Samuel W. Cleft Hand. Report of a Case 172
Brackett, E. G. The Treatment of Disabilities Resulting from Low Back Derangements 325
Brockway, A. Use of the Intramedullary Beef-bone Graft in Open Reductions of the Clavicle 656
Brunschwig, Alexander. Solitary Bone Cysts of Long Duration 141
Burman, M. S., and Lapidus, Paul W. Unusual Appearance of the Accessory Scaphoid and the Styloid Epiphysis of the Fifth Metatarsal. Report of a Case 160
Burman, M. S., and Umansky, Mark. An Experimental Study of Free Periosteal Transplants, Wrapped Around Tendon. With a Review of the Literature 579

C

Calvé, Jacques, and Galland, Marcel. The Intervertebral Nucleus Pulposus. Its Anatomy, Its Physiology, Its Pathology 555
Campbell, Willis C. Bone-block Operation for Drop-foot: Analysis of End Results 317
Chandler, Fremont A. Interlocked Wire Loops to Convey Tendon or Fascia Through Drill Holes in Bone 184
Chu, L. C. The Shoulder Spica. A Simple Method of Application 434
Cole, Wallace H. Bony Fixation of the Foot in Infantile Paralysis: Subastragalar Arthrodesis 289
Cone, Sydney M. Syphilis of Bone 600
Cooperman, Morris B. An Unusual Congenital Deformity of the Hand Combined with Supernumerary Toes. A Case Report 956
Cravener, Edward K. Device for Overcoming Non-bony Flexion Contractures of the Knee 437

D

Dittrich, R. J. Pathogenesis of Congenital Club-foot (Pes Equinovarus). An Anatomical Study 373
Dunn, Naughton. Reconstructive Surgery in Paralytic Deformities of the Leg 299

E

Eikenbary, C. F. An Instrument to Facilitate the Placing of Parham Bands or Suture Material Around Bone 666

F

PAGE

Finkelstein, Harry. Stenosing Tendovaginitis at the Radial Styloid Process.... 509
Fitch, Ralph R. An Operation to Improve the Condition of Hands Disabled by Paralysis of the Opponens Pollicis 190
Fliegel, Otto. Calf-milt Diet in the Treatment of Suppurative Tuberculosis of Joints 788
Fracture Commission of the American Orthopaedic Association. Report of a Commission Appointed to Study the End Results of Intracapsular Fractures of the Neck of the Femur 966
Funston, Robert V., and **Ryan, Clarence A.** Osteomyelitis of Ilium (Probably Tuberculous). Case Report 165

G

Galland, Marcel, and **Calvé, Jacques.** The Intervertebral Nucleus Pulposus. Its Anatomy, Its Physiology, Its Pathology 555
Gillette, Edward P. An Apparatus for Treatment of Fractures of the Os Calcis.. 670
Gonzalez-Aguilar, J. Contribution to the Pathogeny of Tendon Tumors of Giant Cells 280
Greeley, Paul W. Bilateral (Ninety Degrees) Rotatory Dislocation of the Atlas upon the Axis 958
Groves, Ernest W. Hey. Treatment of Fractured Neck of the Femur with Especial Regard to the Results 1

H

Ham, Arthur W. A Histological Study of the Early Phases of Bone Repair..... 827
Hanflig, Samuel S. A New Method of Utilizing Traction in the Treatment of Flexion Deformity of the Hip in Hip Disease 429
Harris, R. I. The Effect of Lumbar Sympathectomy on the Growth of Legs Shortened from Anterior Poliomyelitis. A Preliminary Report 859
Sebaceous Cyst of Terminal Phalanx of Thumb. An Unusual Form of Bone Tumor 647
Herendeen, Ralph E., and **Lewis, Raymond W.** Lesions of the Greater Trochanter 15
Herzikoff, S. S. Fracture Dislocation of the Fourth Lumbar Vertebra with Paralysis. Reduction of a Case with Recovery 403
Heyman, Clarence H. Manipulation of Joints 23
Hibbs, Russell A. The Treatment of Tuberculosis of the Joints of the Lower Extremities by Operative Fusion 749
Hier, E. T. Fracture Harness 444
Hueper, W. C., and **Kreuscher, Philip H.** The Histology of the Postoperative Healing Process in Chronic Osteomyelitis and Its Prognostication from Biopsy Sections 541

J

Jones, Hugh T. Cystic Bursal Hygromas 45
Jones, R. Watson. Primary Nerve Lesions in Injuries of the Elbow and Wrist.. 121
Joseph, George E. Modified Straight Periosteal Elevator 188
Right-angle Periosteal Elevator 189

K

Kling, David H Synovial Cells in Joint Effusions 867
Kofman, S. The Surgical Treatment of Congenital Anterior Dislocation of the Knee 871
Kreuscher, Philip H., and **Hueper, W. C.** The Histology of the Postoperative Healing Process in Chronic Osteomyelitis and Its Prognostication from Biopsy Sections 541
Kurlander, Joseph J. Rustless Steel Wire: A New Addition to the Surgeon's Armamentarium 191
Kurtz, Arthur D. Chronic Osteomyelitis. Operation with Large Drill and High Speed Motor 182

L

Lapidus, Paul W. Epiphyseal Separation of the Lesser Femoral Trochanter.... 548
Lapidus, Paul W., and **Burman, M. S.** Unusual Appearance of the Accessory Scaphoid and the Styloid Epiphysis of the Fifth Metatarsal. Report of a Case 160
Levinthal, Daniel H. An Improved Suspension Apparatus for the Application of Body Casts 675

PAGE

Lewin, Philip. Prescription Blank for the Modification of Shoes 668
Lewis, Raymond W., and **Herendeen, Ralph E.** Lesions of the Greater Trochanter 15
Lo Grasso, Horace. The Non-operative Treatment of Tuberculous Joints of the Lower Extremities 755
Lowman, C. L. The Use of Fascia Lata in the Repair of Disability at the Wrist . . 400
Lund, Henry J. Fracture of the Supracondyloid Process of the Humerus. Report of a Case 925

M

McBride, Earl D. A Brace for Foot Correction in Children 177
Mayer, Leo. An Operation for the Cure of Paralytic Genu Recurvatum 845
A Teaching Model for the Demonstration of the Operative Correction of Severe Paralytic Valgus 309
Mayer, Leo, and **Sashin, David.** Report of a Case of Supernumerary Foot 649
Millar, M. G., Robbins, J. H., and **Angwin, W. A.** Late Treatment of Cord-compression Fracture of the Spine 156
Mitchell, Joseph I. Dislocation of the Knee. Report of Four Cases 640
Moore, Beveridge H. A Case of Hereditary Recurrent Dislocation of the Patella 654
Morton, J. J., and **Pearse, H. E., Jr.** The Stimulation of Bone Growth by Venous Stasis 97

N

Neviaser, Julius S. Splint for Correction of Claw-hand 440
Nilsonne, Harald. On the Care of Cripples in Sweden 690
Nutt, John Joseph. On the Importance of Cautious Prognosis in Orthopaedic Cases 369

O

Ober, Frank R. Crutch Attachment for Use in Cases of Paralysis of the Triceps Muscle 433

P

Pardee, Katharine. Carbon-arc-light Treatment in Bone and Joint Tuberculosis 270
Pascalis, Georges. The Mechanical Reduction of Recent Fractures under the Control of the Double Screen (Anteroposterior and Lateral Planes) 918
Pearse, H. E., Jr., and **Morton, J. J.** The Stimulation of Bone Growth by Venous Stasis 97
Phelps, Winthrop M. Specificity of Light Action in Tuberculosis 253
Phemister, D. B. Repair of Bone in the Presence of Aseptic Necrosis Resulting from Fractures, Transplantations, and Vascular Obstruction 769
Pomeranz, Maurice M. Roentgen Diagnosis of Bone Tumors 795

R

Rachlin, Nathan H. An Adjustable Buck's Extension 672
Reggio, A. W. Fractures of the Femoral Neck. An End-result Study of Non-operative Treatment 819
Reich, Rudolph S. A Simple Ankle Traction Device for Use with the Fracture Table 186
Rich, Edward A. The Paralyses of Pott's Disease 112
Robbins, J. H., Millar, M. G., and **Angwin, W. A.** Late Treatment of Cord-compression Fracture of the Spine 156
Roberts, Percy W. An Unusual Congenital Anomaly of the Bones of the Leg 414
Rollier, A. The Conservative Treatment in Surgical Tuberculosis of the Lower Extremity 733
Ryan, Clarence A., and **Funston, Robert V.** Osteomyelitis of Ilium (Probably Tuberculous). Case Report 165

S

Santos, José V. Bacteriology of Apparently Normal Bones. Further Corroborative Evidence of the Inflammatory Nature of Some Cases of Solitary Bone Cyst 150
Sashin, David. A Critical Analysis of the Anatomy and the Pathologic Changes of the Sacro-iliac Joints 891
Sashin, David, and **Mayer, Leo.** Report of a Case of Supernumerary Foot 649
Schneider, Chester C. Double Isolated Compression Fracture of the Spine 595

PAGE

Sevier, Charles E. Ewing's Tumor (Endothelial Myeloma). Report of an Atypical Case ... 929
Sigurdson, Larus A. The Structure and Function of Articular Synovial Membranes ... 603
Smith, N. Ross. Cyst of the Os Calcis ... 416
Spiers, H. W. A New Spring Back Brace for Fractured Clavicles ... 663
Swart, Howard A. The Effect of Irradiated Ergosterol on the Healing of Experimentally Produced Fractures in Animals ... 360
So Called Renal Rickets: Report of a Case ... 876

T

Thornton, Lawson. Fractures of the Humerus Treated by Means of the Hoke Plaster Traction Apparatus ... 911

U

Umansky, Mark, and **Burman, M. S.** An Experimental Study of Free Periosteal Transplants, Wrapped Around Tendon. With a Review of the Literature ... 579

W

Wagoner, George W. Dislocation of the Pisiform Associated with Fracture of the Head of the Radius and the Styloid Process of the Ulna ... 170
White, J. Warren. A Simplified Method for Tibial Lengthening ... 90
Whitman, Royal. Remarks Introductory to a Demonstration of the Abduction Treatment of Fracture of the Neck of the Femur ... 11
Williams, George A. Pectoral Muscle Defects. Cases Illustrating Three Varieties ... 417
Wilmoth, Clifford L. Recurrent Fracture of the Humerus Due to Sudden Extreme Muscular Action ... 168

Z

Zadek, Isadore. Complicated Traumatic Dislocation of the Hip. Report of Three Cases ... 419

TITLES OF ARTICLES

A

PAGE

Abduction Treatment of Fracture of the Neck of the Femur, Remarks Introductory to a Demonstration of the. Royal Whitman 11
American Orthopaedic Association 193, 451, 678, 964
Amputation Stumps, Healing Bone in, The Detailed Changes Characteristic of. C. G. Barber 353
Ankle Traction Device, A Simple, for Use with the Fracture Table. Rudolph S. Reich 186
Anterior Poliomyelitis, The Effect of Lumbar Sympathectomy on the Growth of Legs Shortened from. A Preliminary Report. R. I. Harris 859
Apparatus
A Brace for Foot Correction in Children. Earl D. McBride 177
A New Method of Utilizing Traction in the Treatment of Flexion Deformity of the Hip in Hip Disease. Samuel S. Hanflig 429
A New Spring Back Brace for Fractured Clavicles. H. W. Spiers 663
A Simple Ankle Traction Device for Use with the Fracture Table. Rudolph S. Reich 186
An Adjustable Buck's Extension. Nathan H. Rachlin 672
An Apparatus for Treatment of Fractures of the Os Calcis. Edward P. Gillette 670
An Improved Suspension Apparatus for the Application of Body Casts. Daniel H. Levinthal 675
An Instrument to Facilitate the Placing of Parham Bands or Suture Material Around Bone. C. F. Eikenbary 666
Crutch Attachment for Use in Cases of Paralysis of the Triceps Muscle. Frank R. Ober 433
Device for Overcoming Non-bony Flexion Contractures of the Knee. Edward K. Cravener 437
Fracture Harness. E. T. Hier 444
Fractures of the Humerus Treated by Means of the Hoke Plaster Traction Apparatus. Lawson Thornton 911
Interlocked Wire Loops to Convey Tendon or Fascia Through Drill Holes in Bone. Fremont A. Chandler 184
The Mechanical Reduction of Recent Fractures under the Control of the Double Screen (Anteroposterior and Lateral Planes). Georges Pascalis 918
Modified Straight Periosteal Elevator. George E. Joseph 188
Right-angle Periosteal Elevator. George E. Joseph 189
Rustless Steel Wire: A New Addition to the Surgeon's Armamentarium. Joseph J. Kurlander 191
The Shoulder Spica. A Simple Method of Application. L. C. Chu 434
Splint for Correction of Claw-hand. Julius S. Neviaser 440
Atlas, Bilateral (Ninety Degrees) Rotatory Dislocation of the, upon the Axis. Paul W. Greeley 958
Axis, Bilateral (Ninety Degrees) Rotatory Dislocation of the Atlas upon the. Paul W. Greeley 958

B

Back Derangements, Low, The Treatment of Disabilities Resulting from. E. G. Brackett 325
Bacteriology of Apparently Normal Bones. Further Corroborative Evidence of the Inflammatory Nature of Some Cases of Solitary Bone Cyst. José V. Santos 150
Beef-bone Graft, Intramedullary, Use of the, in Open Reductions of the Clavicle. A. Brockway 656
Bone, Healing, in Amputation Stumps, The Detailed Changes Characteristic of. C. G. Barber 353
Bone, Parham Bands or Suture Material Around, An Instrument to Facilitate the Placing of. C. F. Eikenbary 666
Bone, Repair of, in the Presence of Aseptic Necrosis Resulting from Fractures, Transplantations, and Vascular Obstruction. D. B. Phemister 769

PAGE

Bone, Syphilis of. Sydney M. Cone ... 600
Bone-block Operation for Drop-foot: Analysis of End Results. Willis C. Campbell 317
Bone Cysts, Solitary, of Long Duration. Alexander Brunschwig ... 141
Bone Growth, The Stimulation of, by Venous Stasis. H. E. Pearse, Jr., and J. J. Morton ... 97
Bone Repair, Early Phases of, A Histological Study of the. Arthur W. Ham ... 827
Bone Tumors, Roentgen Diagnosis of. Maurice M. Pomeranz ... 795
Bones, Apparently Normal, Bacteriology of. Further Corroborative Evidence of the Inflammatory Nature of Some Cases of Solitary Bone Cyst. José V. Santos ... 150
Bony Fixation of the Foot in Infantile Paralysis: Subastragalar Arthrodesis. Wallace H. Cole ... 289
Bordeaux, Reunion d'Orthopédie et de Chirurgie de l'Appareil Moteur de ... 454, 692
Brace, A New Spring Back, for Fractured Clavicles. H. W. Spiers ... 663
Brace for Foot Correction in Children, A. Earl D. McBride ... 177
British Orthopaedic Association ... 194, 198, 679, 964
Buck's Extension, An Adjustable. Nathan H. Rachlin ... 672

C

Calf-milt Diet in the Treatment of Suppurative Tuberculosis of Joints. Otto Fliegel ... 788
Carbon-arc-light Treatment in Bone and Joint Tuberculosis. Katharine Pardee 270
Casts, Body, An Improved Suspension Apparatus for the Application of. Daniel H. Levinthal ... 675
Clavicle, Open Reductions of the, Use of the Intramedullary Beef-bone Graft in. A. Brockway ... 656
Clavicles, Fractured, A New Spring Back Brace for. H. W. Spiers ... 663
Claw-hand, Splint for Correction of. Julius S. Neviaser ... 440
Cleft Hand. Report of a Case. Samuel W. Boorstein ... 172
Clinical Conferences at the Hospital for Ruptured and Crippled, New York City 461
Club-foot (Pes Equinovarus), Congenital, Pathogenesis of. An Anatomical Study. R. J. Dittrich ... 373
Congenital Anomaly of the Bones of the Leg, An Unusual. Percy W. Roberts ... 414
Congenital Anterior Dislocation of the Knee, The Surgical Treatment of. S. Kofman ... 871
Congenital Club-foot (Pes Equinovarus), Pathogenesis of. An Anatomical Study. R. J. Dittrich ... 373
Congenital Deformity of the Hand, An Unusual, Combined with Supernumerary Toes. A Case Report. Morris B. Cooperman ... 956
Conservative Treatment in Surgical Tuberculosis of the Lower Extremity, The. A. Rollier ... 733
Cripples in Sweden, On the Care of. Harald Nilsonne ... 690
Crutch Attachment for Use in Cases of Paralysis of the Triceps Muscle. Frank R. Ober ... 433
Current Literature ... 212, 473, 697, 974
Cyst of the Os Calcis. N. Ross Smith ... 416
Cyst, Sebaceous, of Terminal Phalanx of Thumb. An Unusual Form of Bone Tumor. R. I. Harris ... 647
Cyst, Solitary Bone, Further Corroborative Evidence of the Inflammatory Nature of Some Cases of. Bacteriology of Apparently Normal Bones. José V. Santos ... 150
Cystic Bursal Hygromas. Hugh T. Jones ... 45
Cysts, Solitary Bone, of Long Duration. Alexander Brunschwig ... 141
Czecho-Slovakian Orthopaedic Society ... 204, 454, 970

D

Dislocation of the Atlas upon the Axis, Bilateral (Ninety Degrees) Rotatory. Paul W. Greeley ... 958
Dislocation of the Hip, Complicated Traumatic. Report of Three Cases. Isadore Zadek ... 419
Dislocation of the Knee. Report of Four Cases. Joseph I. Mitchell ... 640
Dislocation of the Knee, Congenital Anterior, The Surgical Treatment of. S. Kofman ... 871
Dislocation of the Patella, Hereditary Recurrent, A Case of. Beveridge H. Moore 654
Double Screen (Anteroposterior and Lateral Planes), The Mechanical Reduction of Recent Fractures under the Control of the. Georges Pascalis ... 918
Drop-foot, Bone-block Operation for: Analysis of End Results. Willis C. Campbell 317

E

PAGE

Elbow and Wrist, Primary Nerve Lesions in Injuries of the. R. Watson Jones . . 121
Epiphyseal Separation of the Lesser Femoral Trochanter. Paul W. Lapidus 548
Ergosterol, Irradiated, The Effect of, on the Healing of Experimentally Produced Fractures in Animals. Howard A. Swart 360
Ewing's Tumor (Endothelial Myeloma). Report of an Atypical Case. Charles E. Sevier 929

F

Fascia Lata, The Use of, in the Repair of Disability at the Wrist. C. L. Lowman 400
Femoral Neck, Fractures of the. An End-result Study of Non-operative Treatment. A. W. Reggio 819
Femoral Trochanter, Lesser, Epiphyseal Separation of the. Paul W. Lapidus . . 548
Femur, Fracture of the Neck of the, Remarks Introductory to a Demonstration of the Abduction Treatment of. Royal Whitman 11
Femur, Fractured Neck of the, Treatment of, with Especial Regard to the Results. Ernest W. Hey Groves 1
Femur, Intracapsular Fractures of the Neck of the, Report of a Commission Appointed by the American Orthopaedic Association to Study the End Results of. 966
Flexion Contractures of the Knee, Non-bony, Device for Overcoming. Edward K. Cravener 437
Flexion Deformity of the Hip, A New Method of Utilizing Traction in the Treatment of, in Hip Disease. Samuel S. Hanflig 429
Foot, Bony Fixation of the, in Infantile Paralysis: Subastragalar Arthrodesis. Wallace H. Cole 289
Foot, Supernumerary, Report of a Case of. Leo Mayer and David Sashin 649
Foot Correction in Children, A Brace for. Earl D. McBride 177
Fracture of the Head of the Radius and the Styloid Process of the Ulna, Dislocation of the Pisiform Associated with. George W. Wagoner 170
Fracture of the Humerus, Recurrent, Due to Sudden Extreme Muscular Action. Clifford L. Wilmoth 168
Fracture of the Neck of the Femur, Abduction Treatment of, Remarks Introductory to a Demonstration of the. Royal Whitman 11
Fracture of the Spine, Cord-compression, Late Treatment of. W. A. Angwin, J. H. Robbins, and M. G. Millar 156
Fracture of the Spine, Double Isolated Compression. Chester C. Schneider 595
Fracture of the Supracondyloid Process of the Humerus. Report of a Case. Henry J. Lund 925
Fracture Dislocation of the Fourth Lumbar Vertebra with Paralysis. Reduction of a Case with Recovery. S. S. Herzikoff 403
Fracture Harness. E. T. Hier 444
Fracture Table, A Simple Ankle Traction Device for Use with the. Rudolph S. Reich 186
Fractured Neck of the Femur, Treatment of, with Especial Regard to the Results. Ernest W. Hey Groves 1
Fractures, Experimentally Produced, in Animals, The Effect of Irradiated Ergosterol on the Healing of. Howard A. Swart 360
Fractures of the Femoral Neck. An End-result Study of Non-operative Treatment. A. W. Reggio 819
Fractures of the Humerus Treated by Means of the Hoke Plaster Traction Apparatus. Lawson Thornton 911
Fractures, Intracapsular, of the Neck of the Femur, Report of a Commission Appointed by the American Orthopaedic Association to Study the End Results of 966
Fractures of the Os Calcis, An Apparatus for Treatment of. Edward P. Gillette 670
Fractures, Recent, The Mechanical Reduction of, under the Control of the Double Screen (Anteroposterior and Lateral Planes). Georges Pascalis 918
French Orthopaedic Society 456

G

Genu Recurvatum, Paralytic, An Operation for the Cure of. Leo Mayer 845
German Orthopaedic Society 201, 678
Giant Cells, Tendon Tumors of, Contribution to the Pathogeny of. J. Gonzalez-Aguilar 280

H

Hand, An Unusual Congenital Deformity of the, Combined with Supernumerary Toes. A Case Report. Morris B. Cooperman 956
Hand, Cleft. Report of a Case. Samuel W. Boorstein 172

PAGE

Hands, Disabled by Paralysis of the Opponens Pollicis, An Operation to Improve the Condition of. Ralph R. Fitch ... 190
Hip, Complicated Traumatic Dislocation of the. Report of Three Cases. Isadore Zadek ... 419
Hip Disease, Flexion Deformity of the Hip in, A New Method of Utilizing Traction in the Treatment of. Samuel S. Hanflig ... 429
Histological Study of the Early Phases of Bone Repair, A. Arthur W. Ham ... 827
Histology of the Postoperative Healing Process in Chronic Osteomyelitis and Its Prognostication from Biopsy Sections, The. Philip H. Kreuscher and W. C. Hueper ... 541
Hoke Plaster Traction Apparatus, Fractures of the Humerus Treated by Means of the. Lawson Thornton ... 911
Humerus, Fracture of the Supracondyloid Process of the. Report of a Case. Henry J. Lund ... 925
Humerus, Fractures of the, Treated by Means of the Hoke Plaster Traction Apparatus. Lawson Thornton ... 911
Humerus, Recurrent Fracture of the, Due to Sudden Extreme Muscular Action. Clifford L. Wilmoth ... 168
Hygromas, Cystic Bursal. Hugh T. Jones ... 45

I

Ilium, Osteomyelitis of, (Probably Tuberculous). Case Report. Clarence A. Ryan and Robert V. Funston ... 165
Infantile Paralysis, Bony Fixation of the Foot in: Subastragalar Arthrodesis. Wallace H. Cole ... 289
Intervertebral Nucleus Pulposus, The. Its Anatomy, Its Physiology, Its Pathology. Jacques Calvé and Marcel Galland ... 555
Irradiated Ergosterol, The Effect of, on the Healing of Experimentally Produced Fractures in Animals. Howard A. Swart ... 360
Italian Orthopaedic Society ... 206

J

Joint Effusions, Synovial Cells in. David H. Kling ... 867
Joints, Manipulation of. Clarence H. Heyman ... 23
Joints, Suppurative Tuberculosis of, Calf-milt Diet in the Treatment of. Otto Fliegel ... 788

K

Knee, Congenital Anterior Dislocation of the, The Surgical Treatment of. S. Kofman ... 871
Knee, Dislocation of the. Report of Four Cases. Joseph I. Mitchell ... 640
Knee, Non-bony Flexion Contractures of the, Device for Overcoming. Edward K. Cravener ... 437
Knee, Synovectomy of the, A Study of the End Results of. S. B. Boon-Itt ... 853

L

Leg, An Unusual Congenital Anomaly of the Bones of the. Percy W. Roberts ... 414
Leg, Paralytic Deformities of the, Reconstructive Surgery in. Naughton Dunn ... 299
Legs Shortened from Anterior Poliomyelitis, The Effect of Lumbar Sympathectomy on the Growth of. A Preliminary Report. R. I. Harris ... 859
Lengthening, Tibial, A Simplified Method for. J. Warren White ... 90
Light Action, Specificity of, in Tuberculosis. Winthrop M. Phelps ... 253
Light, Carbon-arc-, Treatment in Bone and Joint Tuberculosis. Katharine Pardee ... 270
Low Back Derangements, The Treatment of Disabilities Resulting from. E. G. Brackett ... 325
Lower Extremities, Tuberculosis of the Joints of the, The Treatment of, by Operative Fusion. Russell A. Hibbs ... 749
Lower Extremities, Tuberculous Joints of the, The Non-operative Treatment of. Horace Lo Grasso ... 755
Lower Extremity, Surgical Tuberculosis of the, The Conservative Treatment in. A. Rollier ... 733

M

Manipulation of Joints. Clarence H. Heyman ... 23
Metatarsal, Fifth, Unusual Appearance of the Accessory Scaphoid and the Styloid Epiphysis of the. Report of a Case. M. S. Burman and Paul W. Lapidus ... 160
Muscle Defects, Pectoral. Cases Illustrating Three Varieties. George A. Williams ... 417

N

PAGE

Necrosis, Aseptic, Resulting from Fractures, Transplantations, and Vascular Obstruction, Repair of Bone in the Presence of. D. B. Phemister 769
Nerve Lesions, Primary, in Injuries of the Elbow and Wrist. R. Watson Jones .. 121
News Notes 193, 451, 678, 963
Non-operative Treatment of Tuberculous Joints of the Lower Extremities, The. Horace Lo Grasso 755
Nucleus Pulposus, The Intervertebral. Its Anatomy, Its Physiology, Its Pathology. Jacques Calvé and Marcel Galland 555

O

Obituaries
Konrad Biesalski 448
Mitchell Langworthy 196
Operative Fusion, The Treatment of Tuberculosis of the Joints of the Lower Extremities by. Russell A. Hibbs 749
Opponens Pollicis, Hands Disabled by Paralysis of the, An Operation to Improve the Condition of. Ralph R. Fitch 190
Orthopaedic Cases, Cautious Prognosis in, On the Importance of. John Joseph Nutt 369
Os Calcis, Cyst of the. N. Ross Smith 416
Os Calcis, Fractures of the, An Apparatus for Treatment of. Edward P. Gillette 670
Osteomyelitis, Chronic. Operation with Large Drill and High Speed Motor. Arthur D. Kurtz 182
Osteomyelitis, Chronic, The Histology of the Postoperative Healing Process in, and Its Prognostication from Biopsy Sections. Philip H. Kreuscher and W. C. Hueper 541
Osteomyelitis of Ilium (Probably Tuberculous). Case Report. Clarence A. Ryan and Robert V. Funston 165

P

Paralyses of Pott's Disease, The. Edward A. Rich 112
Paralysis of the Opponens Pollicis, Hands Disabled by, An Operation to Improve the Condition of. Ralph R. Fitch 190
Paralysis of the Triceps Muscle, Crutch Attachment for Use in Cases of. Frank R. Ober 433
Paralytic Deformities of the Leg, Reconstructive Surgery in. Naughton Dunn .. 299
Paralytic Genu Recurvatum, An Operation for the Cure of. Leo Mayer 845
Paralytic Valgus, Severe, A Teaching Model for the Demonstration of the Operative Correction of. Leo Mayer 309
Parham Bands or Suture Material, An Instrument to Facilitate the Placing of, Around Bone. C. F. Eikenbary 666
Patella, Hereditary Recurrent Dislocation of the, A Case of. Beveridge H. Moore 654
Pathogenesis of Congenital Club-foot (Pes Equinovarus). An Anatomical Study. R. J. Dittrich 373
Pathogeny of Tendon Tumors of Giant Cells, Contribution to the. J. Gonzalez-Aguilar 280
Pathological Conferences at the Hospital for Joint Diseases, New York City .. 467, 681
Pectoral Muscle Defects. Cases Illustrating Three Varieties. George A. Williams 417
Periosteal Elevator, Modified Straight. George E. Joseph 188
Periosteal Elevator, Right-angle. George E. Joseph 189
Periosteal Transplants, Free, Wrapped Around Tendon, An Experimental Study of. With a Review of the Literature. M. S. Burman and Mark Umansky 579
Pes Valgus, Juvenile, The Development of. Max Böhm. Translated from the German by Walter P. Blount 333
Pisiform, Dislocation of the, Associated with Fracture of the Head of the Radius and the Styloid Process of the Ulna. George W. Wagoner 170
Postoperative Healing Process, The Histology of the, in Chronic Osteomyelitis and Its Prognostication from Biopsy Sections. Philip H. Kreuscher and W. C. Hueper 541
Pott's Disease, The Paralyses of. Edward A. Rich 112
Prescription Blank for the Modification of Shoes. Philip Lewin 668
Presidential Address. Z. B. Adams 505
Prognosis, Cautious, in Orthopaedic Cases, On the Importance of. John Joseph Nutt 369

R

PAGE

Radial Styloid Process, Stenosing Tendovaginitis at the. Harry Finkelstein.... 509
Radius, Fracture of the Head of the, and the Styloid Process of the Ulna, Dislocation of the Pisiform Associated with. George W. Wagoner..... 170
Reconstructive Surgery in Paralytic Deformities of the Leg. Naughton Dunn.. 299
Renal Rickets, So Called: Report of a Case. Howard A. Swart..... 876
Roentgen Diagnosis of Bone Tumors. Maurice M. Pomeranz..... 795

S

Sacro-iliac Joints, Anatomy and the Pathologic Changes of the, A Critical Analysis of the. David Sashin..... 891
Scaphoid, Accessory, and the Styloid Epiphysis of the Fifth Metatarsal, Unusual Appearance of the. Report of a Case. M. S. Burman and Paul W. Lapidus 160
Shoes, Modification of, Prescription Blank for the. Philip Lewin..... 668
Shoulder Spica, The. A Simple Method of Application. L. C. Chu..... 434
Spine, Cord-compression Fracture of the, Late Treatment of. W. A. Angwin, J. H. Robbins, and M. G. Millar..... 156
Spine, Double Isolated Compression Fracture of the. Chester C. Schneider.... 595
Splint for Correction of Claw-hand. Julius S. Neviaser..... 440
Stenosing Tendovaginitis at the Radial Styloid Process. Harry Finkelstein.... 509
Styloid Epiphysis of the Fifth Metatarsal, Unusual Appearance of the Accessory Scaphoid and the. Report of a Case. M. S. Burman and Paul W. Lapidus 160
Styloid Process of the Ulna, Fracture of the Head of the Radius and the, Dislocation of the Pisiform Associated with. George W. Wagoner..... 170
Subastragalar Arthrodesis. Bony Fixation of the Foot in Infantile Paralysis. Wallace H. Cole..... 289
Supernumerary Foot, Report of a Case of. Leo Mayer and David Sashin..... 649
Supracondyloid Process of the Humerus, Fracture of the. Report of a Case. Henry J. Lund..... 925
Suspension Apparatus, An Improved, for the Application of Body Casts. Daniel H. Levinthal..... 675
Sweden, On the Care of Cripples in. Harald Nilsonne..... 690
Sympathectomy, Lumbar, The Effect of, on the Growth of Legs Shortened from Anterior Poliomyelitis. A Preliminary Report. R. I. Harris..... 859
Symphysis Pubis, Tuberculosis of the. Harold G. Bean..... 345
Synovectomy of the Knee, A Study of the End Results of. S. B. Boon-Itt..... 853
Synovial Cells in Joint Effusions. David H. Kling..... 867
Synovial Membranes, Articular, The Structure and Function of. Larus A. Sigurdson..... 603
Synovial Tissue, Surgical Pathology of. Edgar M. Bick..... 33
Syphilis of Bone. Sydney M. Cone..... 609

T

Teaching Model for the Demonstration of the Operative Correction of Severe Paralytic Valgus, A. Leo Mayer..... 309
Tendon, Free Periosteal Transplants, Wrapped Around, An Experimental Study of. With a Review of the Literature. M. S. Burman and Mark Umansky. 579
Tendon Tumors of Giant Cells, Pathogeny of, Contribution to the. J. Gonzalez-Aguilar..... 280
Tendovaginitis, Stenosing, at the Radial Styloid Process. Harry Finkelstein.... 509
Thumb, Sebaceous Cyst of Terminal Phalanx of. An Unusual Form of Bone Tumor. R. I. Harris..... 647
Tibial Lengthening, A Simplified Method for. J. Warren White..... 90
Toes, Supernumerary, An Unusual Congenital Deformity of the Hand Combined with. A Case Report. Morris B. Cooperman..... 956
Traction in the Treatment of Flexion Deformity of the Hip in Hip Disease, a New Method of Utilizing. Samuel S. Hanflig..... 429
Triceps Muscle, Paralysis of the, Crutch Attachment for Use in Cases of. Frank R. Ober..... 433
Trochanter, Greater, Lesions of the. Ralph E. Herendeen and Raymond W. Lewis..... 15
Tuberculosis, Bone and Joint, Carbon-arc-light Treatment in. Katharine Pardee 270
Tuberculosis of Joints, Suppurative, Calf-milt Diet in the Treatment of. Otto Fliegel..... 788
Tuberculosis of the Joints of the Lower Extremities, The Treatment of, by Operative Fusion. Russell A. Hibbs..... 749
Tuberculosis of the Symphysis Pubis. Harold G. Bean..... 345

PAGE

Tuberculosis, Specificity of Light Action in. Winthrop M. Phelps..... 253
Tuberculosis, Surgical, of the Lower Extremity, The Conservative Treatment in. A. Rollier 733
Tuberculous Joints of the Lower Extremities, The Non-operative Treatment of. Horace Lo Grasso..... 755

U

Ulna, Fracture of the Head of the Radius and the Styloid Process of the, Dislocation of the Pisiform Associated with. George W. Wagoner..... 170

V

Valgus, Severe Paralytic, A Teaching Model for the Demonstration of the Operative Correction of. Leo Mayer..... 309
Venous Stasis, The Stimulation of Bone Growth by. H. E. Pearse, Jr., and J. J. Morton..... 97
Vertebra, Fourth Lumbar, Fracture Dislocation of the, with Paralysis. Reduction of a Case with Recovery. S. S. Herzikoff..... 403

W

Wire Loops, Interlocked, to Convey Tendon or Fascia Through Drill Holes in Bone. Fremont A. Chandler..... 184
Wire, Rustless Steel: A New Addition to the Surgeon's Armamentarium. Joseph J. Kurlander..... 191
Wrist, Disability at the, The Use of Fascia Lata in the Repair of. C. L. Lowman 400
Wrist, Injuries of the Elbow and, Primary Nerve Lesions in. R. Watson Jones.. 121